

KERSTEN®

Generator

DG 306



THE PRODUCT

The driving force for your discharge.
The high-voltage generators provide the electrical supply for all KERSTEN discharging components.
Error information for generator and components is included.

BENEFITS

- Patented 24V DC Voltage
- 6 high voltage slots
- Plug-in System
- Highest output of ions

CUSTOMER BENEFITS

- No EMC problems
- Installation in the smallest of spaces
- Flexible expansion options
- Maintenance free

GENERAL

| | | | |
|------------------------------|----------|------|---------|
| Supply voltage | U_N | V DC | 24+-20% |
| Internal protection | I | A | 1.0 |
| Max. operating current | I_B | A | 0.63 |
| Max. active power | P | W | 15 |
| Control voltage | U_{ST} | V DC | 24+-20% |
| Max. current control circuit | I_{ST} | A | 1.0 |
| Error output voltage | U_F | V DV | 24+-20% |
| Max. error output voltage | I_F | A | 0.9 |

DETAILS

| | | | |
|------------------------------|-----------|-------|-----------------|
| Output voltage | U_A | kV DC | +3.8/-2.8 |
| Max. output voltage | I_{max} | mA | 0.9 |
| Type of protection | | | IP54 |
| Number of high voltage slots | | | 6 |
| Type of connection | | | neXt® - plug-in |

CLIMATIC CONDITIONS

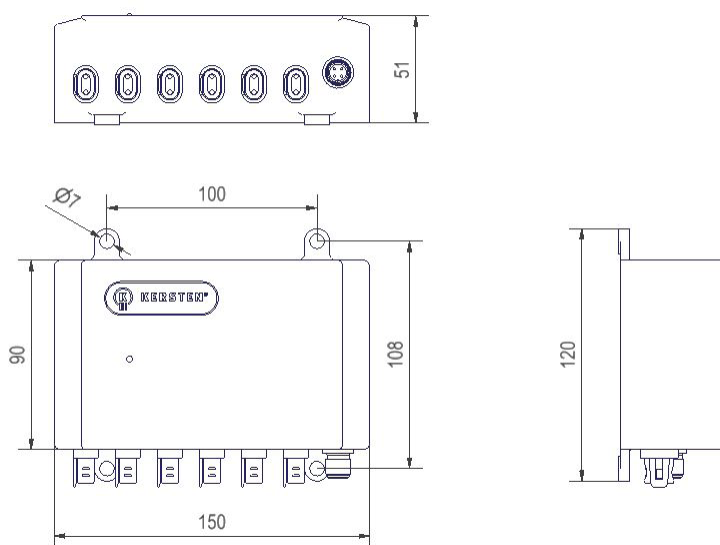
| | | | |
|--|----|---------|------------------------|
| Temperature during transport and storage | T | °C / °F | -25 - +85 / -13- +185* |
| Temperature during operation | T | °C / °F | +5 - +50 / +41- +122** |
| Relative humidity (non-condensing) | RH | % | <80 |

DIMENSIONS

| | | | |
|--|-------|----|------------|
| | L/W/H | mm | 150/120/51 |
|--|-------|----|------------|

* acc. to UL50 Type B / Class 3K3 max. 70 °C (+158 °F) ** acc. to UL50 Type B / Class 3K3 max. 40 °C (+104°F)

TECHNICAL DRAWING



All dimension measurements in mm

KERSTEN ELEKTROSTATIK GMBH

Walter-Knoell-Straße 3
D-79115 Freiburg | Germany
T +49 761 47944-0 | F +49 761 47944-99
info@kersten.de | www.kersten.de

